

INTERNATIONAL SEARCH REPORT

I onal Application No

PCT/DK2005/000247

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H03M3/00 H03M3/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/067404 A1 (RUHA ANTTI ET AL) 10 April 2003 (2003-04-10) abstract; figures 2,3 column 3, line 11 - line 27 column 5, line 37 - line 44 column 6, line 1 - line 9 column 7, line 65 - line 67 column 9, line 13 - line 15 column 9, line 35 - line 42 ----- -/-	1-43

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

- *&* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

23 June 2005

01/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>YU J ET AL: "ADAPTIVE QUANTISATION FOR ONE-BIT SIGMA-DELTA MODULATION" IEE PROCEEDINGS G. ELECTRONIC CIRCUITS & SYSTEMS, INSTITUTION OF ELECTRICAL ENGINEERS. STEVENAGE, GB, vol. 139, no. 1, 1 February 1992 (1992-02-01), pages 39-44, XP000293215 ISSN: 0622-0039 abstract figures 3,4,7 page 40, column 2, line 18 - line 23 page 41, column 1, line 31 - line 45</p> <p>-----</p>	<p>1-4, 12-14, 20-25, 33-35, 40-43</p>
A	<p>ALDAJANI M A ET AL: "An adaptive structure for sigma delta modulation with improved dynamic range" CIRCUITS AND SYSTEMS, 2000. PROCEEDINGS OF THE 43RD IEEE MIDWEST SYMPOSIUM ON AUGUST 8-11, 2000, PISCATAWAY, NJ, USA, IEEE, vol. 1, 8 August 2000 (2000-08-08), pages 390-394, XP010558151 ISBN: 0-7803-6475-9 figures 6,7 page 390, column 2, line 23 - line 26</p> <p>-----</p>	1,22
A	<p>US 3 931 596 A (GERSHO ET AL) 6 January 1976 (1976-01-06) abstract; figure 3 column 3, line 10 - line 17 column 3, line 32 - line 41 column 6, line 34 - line 37 column 7, line 62 - column 8, line 12</p> <p>-----</p>	1,22

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2003067404	A1 10-04-2003	CN EP WO	1561578 A 1433259 A2 03030369 A2	05-01-2005 30-06-2004 10-04-2003
US 3931596	A 06-01-1976	CA	1029468 A1	11-04-1978